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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 12732-188001 | Application No. 10/731,442 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Jun Koyama | |
| | | Filing Date December 10, 2003 | Group Art Unit 2672 |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|----------------|-------|----------|----------------------------|
| NP | AA | 2001/0048408 A1 | 12/06/2001 | Koyama et al. | | | 02/07/2001 |
| | AB | 2003/0193298 A1 | 10/16/2003 | Okada et al. | | | 03/18/2003 |
| | AC | 4,481,511 | 11/06/1984 | Hanmura et al. | | | 12/30/1981 |
| | AD | 6,710,549 B2 | 03/23/2004 | Okada et al. | | | 03/18/2003 |
| | AE | | | | | | |
| | AF | | | | | | |

Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| NP | AG | 2001-312243 | 11/09/2001 | JAPAN | | | ABS | |
| | AH | 2003-280586 | 10/02/2003 | JAPAN | | | ABS | |
| | AI | 52-019960 | 05/31/1977 | JAPAN | | | Partial | |
| | AJ | 57-114189 | 07/15/1982 | JAPAN | | | | XX |
| | AK | 58-132791 | 08/08/1983 | JAPAN | | | Partial | |
| | AL | EP 1 128 355 A2 | 08/29/2001 | EUROPE | | | In English | |
| | AM | EP 1 349 138 A2 | 10/01/2003 | EUROPE | | | In English | |
| | AN | | | | | | | |

Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|---|
| NP | AO | International Search Report dated March 23, 2004 and International Preliminary Examination Report dated April 20, 2004 (Application No. PCT/JP03/16026) (Partial Translation) |
| | AP | |
| | AQ | |
| | AR | |


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| Examiner Signature NP | Date Considered 6/20/04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

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| | Applicant Jun Koyama | | |
| | Filing Date December 10, 2003 | Group Art Unit Unknown | |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| MR | AA | 5,844,368 | 12/01/1998 | Okuda et al. | | | 02/26/1997 |
| | AB | 6,501,466 | 12/31/2002 | Yamagishi et al. | | | 11/13/2000 |
| | AC | 2002/0047568 A1 | 04/25/2002 | Koyama | | | 07/23/2001 |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| MR | AL | 09-232074 | 09/05/1997 | JAPAN | | | ABS | |
| | AM | 2001-147659 | 05/29/2001 | JAPAN | | | ABS | |
| | AN | 2002-108285 | 04/10/2002 | JAPAN | | | ABS | |
| | AO | | | | | | | |
| | AP | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|----------|
| Examiner Initial | Desig. ID | Document |
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| Examiner Signature  | Date Considered 6-20-06 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |